

## ARCO AUTOADHESIVE waterproofing membrane Technical Data Sheet

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- **ARCO AUTOADHESIVE** is a special prefabricated modified polymer-bitumen membrane, composed of distilled bitumen, elastomers (SBS) and adherence accelerator polymers.
- **ARCO AUTOADHESIVE** is reinforced with a Woven non Woven spunbond polyester fabric with good mechanical properties, such as tensile strength and elongation.
- The lower face of **ARCO AUTOADHESIVE** is protected with a special polypropylene siliconated film, which can be easily released before applying.
- The upper face of **ARCO AUTOADHESIVE** is protected with with sand, TNT (polypropylene mat) or mineral slate chips which are available in natural or colored version.

### ADVANTAGES OF ARCO AUTOADHESIVE

- Are cold applied, without using open flames or heat sources. They do not require special tools, which makes installation very simple, quick and safe. Thanks to their autosealing and waterproofing features, they can be installed indoors or outdoors, where temperatures are low and in narrow spaces. Lightweight and easy to handle, they can be applied and worked on horizontal, vertical or irregular-shaped surfaces, above and below ground.
- Possibility of use on heat-sensitive panels (ex. PSE)
- Reduction of application time as both the vapor barrier and insulation are applied in one step. The particular adhesiveness of the ARCO AUTOADHESIVE is such that once the release film has been removed and the membrane laid, the roof is temporarily waterproofed allowing for completion.
- Application on wooden decks as an under tile membrane avoiding direct contact between the flame and the substrate.
- Are compatible with all the surfaces normally to be found in the building industry. It can also be used as system membranes for complex waterproofing packages

Technical properties	M.U.	ARCO AUTOADHESIVE	Tolerances
Reinforcement		SPUNBOND polyester	
Roll length (EN 1848-1)	m	10	± 0,2 %
Roll width (EN 1848 -1)	m	1	± 1 %
Nominal weight (EN 1849 - 1)	Kg/m <sup>2</sup>	4 / 4,5 / 5 / 5,5	± 7 %
Cold flexibility (EN 1109 )	°C	-10	± 2°C
Tensile strength (EN 12311-1)			
-longitudinal	N / 5 cm	700	± 20 %
-transversal		550	
Ultimate elongation (EN 12311-1)			
-longitudinal	%	45	± 20 %
-transversal		45	
Dimensional stability (EN 1107 -1)	%	0,2	max
Flow resistance (EN 1110)	°C	120	min
Shear resistance of joint (EN 12317-1)	N / 5 cm	500 / 500	min
Resistance to static loading (EN 12730)	kg	20	min
Watertightness (EN 1928)	Kpa	60	min
Reaction to fire (EN 13501-1)	class	F	